

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031122\
 Data File : BM034229.D
 Acq On : 11 Mar 2022 19:12
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020104

Quant Time: Mar 11 23:42:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 02:00:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/14/2022
 Supervised By :mohammad ahmed 03/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	156398	20.000	ng/u1	0.00
20) Naphthalene-d8	10.766	136	581441	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.589	164	371753	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.330	188	749781	20.000	ng/u1	0.00
79) Chrysene-d12	21.500	240	774240	20.000	ng/u1	0.00
88) Perylene-d12	23.924	264	815758	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	29229	8.158	ng/uL	0.00
4) Pyridine-d5	3.743	84	166530	19.522	ng/u1	0.00
7) Phenol-d5	7.101	99	193303	18.469	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.272	67	115355	18.787	ng/u1	0.00
11) 2-Chlorophenol-d4	7.478	132	179846	19.883	ng/u1	0.00
15) 4-Methylphenol-d8	8.654	113	164380	18.364	ng/u1	0.00
21) Nitrobenzene-d5	9.113	128	84728	20.315	ng/u1	0.00
24) 2-Nitrophenol-d4	9.836	143	90886	19.652	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.378	165	191229	20.626	ng/u1	0.00
31) 4-Chloroaniline-d4	10.895	131	224219	19.447	ng/u1	0.00
46) Dimethylphthalate-d6	13.995	166	537513	19.872	ng/u1	0.00
49) Acenaphthylene-d8	14.283	160	690470	20.098	ng/u1	0.00
54) 4-Nitrophenol-d4	14.771	143	77750	18.453	ng/u1	0.00
60) Fluorene-d10	15.583	176	470936	19.889	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.689	200	86170	18.165	ng/u1	0.00
73) Anthracene-d10	17.430	188	703795	19.873	ng/u1	0.00
81) Pyrene-d10	19.718	212	820678	19.470	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.765	264	809498	20.114	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.354	88	28078	7.909	ng/uL	93
5) Pyridine	3.760	79	175875	19.894	ng/u1	97
6) Benzaldehyde	7.078	77	131419	24.126	ng/u1	99
8) Phenol	7.131	94	189563	18.356	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.366	93	159043	18.474	ng/u1	97
12) 2-Chlorophenol	7.507	128	179772	19.699	ng/u1	98
13) 2-Methylphenol	8.389	108	149454	18.085	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.489	45	152339	19.189	ng/u1	100
16) Acetophenone	8.772	105	258389	18.384	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.760	70	127364	19.258	ng/u1	99
18) 4-Methylphenol	8.719	108	167905	18.846	ng/u1	99
19) Hexachloroethane	9.042	117	81223	19.734	ng/u1	98
22) Nitrobenzene	9.154	77	185920	20.538	ng/u1	98
23) Isophorone	9.683	82	348354	20.361	ng/u1	98
25) 2-Nitrophenol	9.872	139	97368	20.560	ng/u1	96
26) 2,4-Dimethylphenol	9.931	107	200409	20.482	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.172	93	211370	20.083	ng/u1	99
29) 2,4-Dichlorophenol	10.407	162	183237	20.480	ng/u1	97
30) Naphthalene	10.813	128	567391	19.540	ng/u1	99
32) 4-Chloroaniline	10.919	127	221296	19.297	ng/u1	99
33) Hexachlorobutadiene	11.113	225	145142	19.633	ng/u1	96
34) Caprolactam	11.677	113	46973m	18.766	ng/u1	
35) 4-Chloro-3-methylphenol	12.036	107	172612	20.797	ng/u1	95
36) 2-Methylnaphthalene	12.424	142	397759	19.946	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.642	142	407471	20.005	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.795	216	252088	19.654	ng/ul	99
40) Hexachlorocyclopentadiene	12.777	237	167809	18.339	ng/ul	95
41) 2,4,6-Trichlorophenol	13.024	196	151719	20.188	ng/ul	93
42) 2,4,5-Trichlorophenol	13.095	196	165117	20.272	ng/ul	100
43) 1,1'-Biphenyl	13.430	154	550158	19.923	ng/ul	99
44) 2-Chloronaphthalene	13.471	162	430713	19.733	ng/ul	99
45) 2-Nitroaniline	13.666	65	91359	21.103	ng/ul	99
47) Dimethylphthalate	14.042	163	525609	19.904	ng/ul	99
48) 2,6-Dinitrotoluene	14.160	165	104060	20.210	ng/ul	97
50) Acenaphthylene	14.313	152	668980	19.877	ng/ul	100
51) 3-Nitroaniline	14.483	138	90967	20.290	ng/ul	98
52) Acenaphthene	14.654	153	443080	20.072	ng/ul	99
53) 2,4-Dinitrophenol	14.689	184	79128	23.636	ng/ul	99
55) 4-Nitrophenol	14.783	109	67905	19.366	ng/ul	99
56) Dibenzofuran	14.989	168	643633	20.132	ng/ul	99
57) 2,4-Dinitrotoluene	14.942	165	145827	20.582	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.213	232	140620	20.193	ng/ul	98
59) Diethylphthalate	15.407	149	500833	19.850	ng/ul	99
61) Fluorene	15.636	166	518439	19.940	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.630	204	279270	19.811	ng/ul	98
63) 4-Nitroaniline	15.642	138	81769m	21.545	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.707	198	86001	18.547	ng/ul	97
67) N-Nitrosodiphenylamine	15.842	169	440521	20.314	ng/ul	99
68) 4-Bromophenyl-phenylether	16.524	248	168752	19.977	ng/ul	99
69) Hexachlorobenzene	16.642	284	208392	19.777	ng/ul	99
70) Atrazine	16.789	200	163159	19.096	ng/ul	97
71) Pentachlorophenol	16.983	266	117426	18.527	ng/ul	99
72) Phenanthrene	17.371	178	791989	19.839	ng/ul	99
74) Anthracene	17.465	178	796709	20.109	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.395	216	260610	19.658	ng/uL	99
76) Pentachlorobenzene	14.913	250	247990	19.885	ng/uL	99
77) Carbazole	17.730	167	626048	19.444	ng/ul	98
78) Di-n-butylphthalate	18.301	149	787204	20.449	ng/ul	100
80) Fluoranthene	19.383	202	916131	19.102	ng/ul	100
82) Pyrene	19.748	202	964639	19.382	ng/ul	100
83) Butylbenzylphthalate	20.636	149	331423	19.893	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.418	252	272026	17.723	ng/ul	98
85) Benzo(a)anthracene	21.489	228	904304	19.985	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.418	149	491759	19.846	ng/ul	99
87) Chrysene	21.536	228	951043	19.523	ng/ul	99
89) Di-n-octyl phthalate	22.347	149	834192	19.084	ng/ul	100
90) Benzo(b)fluoranthene	23.183	252	977514	20.439	ng/ul	100
91) Benzo(k)fluoranthene	23.230	252	1011433	20.749	ng/ul	99
93) Benzo(a)pyrene	23.812	252	976160	20.464	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.441	276	1101573	21.121	ng/ul	98
95) Dibenzo(a,h)anthracene	26.459	278	901186	20.623	ng/ul	98
96) Benzo(g,h,i)perylene	27.224	276	986293	20.335	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

